INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2005/014447

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H04N7/22	CATION OF SUBJECT MATTER (2006.01), H04N7/20 (2006.01), (2006.01)	HO4B10/00 (2006.01),	
According to Int	ternational Patent Classification (IPC) or to both nation	al classification and IPC	
B. FIELDS SE			
H04N7/22	nentation searched (classification system followed by cl (2006.01), H04N7/20 (2006.01), (2006.01)	lassification symbols) H04B10/00 (2006.01),	
Jitsuyo		ent that such documents are included in the itsuyo Shinan Toroku Koho oroku Jitsuyo Shinan Koho	1996-2005
Electronic data b	pase consulted during the international search (name of	data base and, where practicable, search te	rms used)
C. DOCUMEN	VTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where ap	1 1	Relevant to claim No.
X	JP 4-280521 A (Nippon Telegr Corp.), 06 October, 1992 (06.10.92), Full text; all drawings (Family: none)	aph And Telephone	1-8
Х	JP 5-110513 A (General Instr 30 April, 1993 (30.04.93), Full text; all drawings & US 5212579 A & EP & CA 2062018 A	nument Corp.), 503512 A2	1-8
А	JP 7-170244 A (Matsushita El Co., Ltd.), 04 July, 1995 (04.07.95), Full text; all drawings (Family: none)	ectric Industrial	
× Further do	cuments are listed in the continuation of Box C.	See patent family annex.	
* Special categories of cited documents: document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)		To later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention. "X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone. "Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family	
Date of the actual completion of the international search 05 October, 2005 (05.10.05)			
Name and mailing address of the ISA/ Japanese Patent Office		Authorized officer	
Facsimile No. Telephone No. Form PCT/ISA/210 (second sheet) (January 2004)			

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ategory*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Х	WO 1998/031133 A2 (FOXCOM LTD.), 16 July, 1998 (16.07.98), Full text; all drawings & JP 2002-516047 A & US 6486907 B1 & EP 965223 A2 & IL 119972 A & AU 5339198 A & BR 9806737 A & CA 2308137 A & CN 1265250 A	9-10
x	JP 11-103288 A (Matsushita Electric Industrial Co., Ltd.), 13 April, 1999 (13.04.99), Full text; all drawings & US 6459519 B1 & EP 877495 A2 & KR 274701 B	9-10

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Box No.	. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)
This inte	ernational search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons: Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
2.	Claims Nos.: because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
3.	Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box No.	III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)
The chara optic for comeans The chara in in	mational Searching Authority found multiple inventions in this international application. as follows: invention relating to claims 1-8 relates to "an optical signal receiver cterized by comprising photoelectric conversion means for converting an al signal received into an electric signal, and frequency conversion means enverting the electric signal converted by said photoelectric conversion, into a lower frequency". invention relating to claims 9-10 relates to an optical signal transmitter cterized by comprising modulation means for modulating an optical signal tensity with the RF signal of a satellite broadcasting. As all required additional search fees were timely paid by the applicant, this international search report covers all searchable
•	clains.
	As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
	As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4. 🔲 ì	No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
Remark o	The additional search fees were accompanied by the applicant's protest. No protest accompanied the payment of additional search fees.